

Total List of Well Completions Near Miller Domestic WW
East Mamm Creek Field
Sec 31 & 32-T6S-R91W, SE/4 Sec 35 & S/2 Sec. 36-T6S - R92W, W/2 Sec 5 & Sec. 6-T7S - R91W
Garfield County, Colorado
CBL & Neutron-Density Log Interpretation

3/29/2012																				
		Surface Casing Depth	DCR Interpretation CBL T/Cem.	EPA Interpretation CBL T/Cem.	CBL Run Date	Surface Pressure (psi)	Remarks			Top of Williams Fork	Top of Rollins	Top of Gas Zone	Top of Wasatch N-D X-over	Top/Bottom Perfs	Conclusions	Poss. No. of BP Comm. Wells				
API Number		Lease and Well No.	(ft.)	(ft.)	(ft.)					(ft.)	(ft.)	(ft.)	(ft.)	(ft.)						
Section 31		T6S-R91W																		
1	05-045-19530	GGU Linkenhoker #23A-31-691	732	1930	1930	6/8/2011	0	Poor to fair bond fr/TOC to 2056'. Fair to good bond to 2580'. Excellent bond to TD.	3076	6742	3426/3990	2145, 2162, 2170, 2210	4070, 6826	Definitely no communication to FW aquifers.		1				
2	05-045-14314	GGU Miller #12A-31-691	719	2135	2184	11/30/2007	0	Poor bond fr/TOC to 2380'. Fair to good bond to 2384'. Fair bond to 2620'. Good bond to 2860'. Fair bond to 2960'. Generally, good to excellent bond to TD.	3354	6927	4133/4226	790, 1118, 1729, 1770', 1927, 2324, 2428	4241, 6900	Possible behind pipe communication to FW Acquifers.						
3	05-045-19520	GGU Miller #13A-31-691	728	2260	2283	6/9/2011	0	Poor to fair bond fr/TOC to 2420'. Good bond to 2940'. Generally, excellent bond to TD.	3156	6781	4065/4134	No N-D x-over above W/F.	4065, 6868	Definitely no communication to FW aquifers.		2				
4	05-045-14313	GGU Miller #13C-31-691	750	2580	2578	11/30/2007	0	Fair bond from TOC to 2828'. Generally, good to excellent bond to TD.	3336	6900	3992/4272	761, 784, 1714	4229, 6982	Possible behind pipe communication to FW Acquifers.		2				
5	05-045-14310	GGU Miller #13D-31-691	750	3500	1618	11/30/2007	0	Poor to fair bond fr/TOC to 2150'. Good bond to 2228'. Poor to fair bond to 2374'. Fair bond to 2560'. Fair to good bond to 4480'. Excellent bond to TD.	3336	6903	4284	1080, 1108, 1285, 1323, 1492, 1583, 1707, 1719, 1742, 1914, 2043	4287, 6982	Possible behind pipe communication to FW Acquifers.		3				
6	05-045-17925	GGU Miller #14A-32-691	739	3128	3110	7/30/2009	0	Poor to fair cement bond from TOC to 5310'. Good to excellent bond to TD.	3143	6963	3963/4787	964, 1249, 1778	5183, 7056	Possible behind pipe communication to FW Acquifers.		4				
7	05-045-17929	GGU Miller #14B-32-691	782	3154	3146	7/30/2009	0	Poor to fair cement bond from TOC to 3641'. Fair bond to 5750'. Good to excellent bond to TD.	3188	6985	4452/5211	966, 980, 1170, 1248, 1782, 1944	5220, 7113	Possible behind pipe communication to FW Acquifers.		5				
8	05-045-17930	GGU Miller #14C-32-691	765	3198	3186	7/30/2009	0	Fair bond from TOC to 3634'. Good to excellent bond to TD.	3221	7065	3268/5151	1183, 1253, 1485, 1635, 1806, 1956, 2190, 2239,	5296, 7127	Possible behind pipe communication to FW Acquifers.		6				
9	05-045-17931	GGU Miller #14D-32-691	770	2917	2880	7/30/2009	0	Poor to fair bond fr/TOC to 3318'. Fair to good bond to 5982'. Excellent bond to TD.	3244	7119	4720/5382	1254, 1693, 1812	5393, 7282	Possible behind pipe communication to FW Acquifers.		7				
10	05-045-14311	GGU Miller #22A-31-691	768	2330	1804	11/30/2007	0	Fair bond from TOC to 2004'. Generally, good to excellent bond to TD.	3191	6834	4281/4274	1080, 1109, 1393, 1483', 1627, 1950	4176, 6923	Possible behind pipe communication to FW Acquifers.		8				
11	05-045-14312	GGU Miller #22D-31-691	745	1300	Surface	11/30/2007	0	Good bond fr/surf. To 2120'. Fair bond to 4530'. Fair to good bond to 5116'. Excellent bond to TD.	3341	6964	4956/4944	1527, 1620, 2214	4281, 7047	Probably no communication to FW Acquifers.		3				
12	05-045-14309	GGU Miller #23C-31-691	746	1800	2080	11/30/2007	0	Poor to fair bond fr/TOC to 2059'. Fair to good bond to 3236'. Good bond to 4610'. Excellent bond to TD.	3253	6869	3881/4306	936, 954, 1141, 1533, 2272, 2293	5751, 6923	Possible behind pipe communication to FW Acquifers.		9				
13	05-045-21095	GGU Miller #32A-31-691						Location only. Waiting to be drilled.												
14	05-045-21094	GGU Miller #32B-31-691						Location only. Waiting to be drilled.												
15	05-045-21097	GGU Miller #32D-31-691						Location only. Waiting to be drilled.												
16	05-045-18234	GGU Miller #33A-31-691	786	No DCR	2604	11/13/2009	0	Fair bond from TOC to 3044'. Fair to good bond to 5222'. Generally, excellent bond to TD.	-----	-----	-----	-----	7072, 7170	FDCCNL log was not run & incomplete DCR.		1				
17	05-045-18233	GGU Miller #33B-31-691	810	2340	2340	11/13/2009	0	Fair bond from TOC to 3060'. Good bond to 4720'. Generally good to excellent bond to TD.	3479	7213	3492/4748	869, 1315, 1362, 1634, 1672, 2063	7216, 7340	Possible behind pipe communication to FW Acquifers.		10				
18	05-045-18239	GGU Miller #33C-31-691	850	2700	2677	11/13/2009	0	Fair bond from TOC to 3340'. Generally, good to excellent bond to TD.	3575	7343	3580/4937	853, 862, 874, 1142, 1323, 1643, 1658, 2120, 2680	7348, 7433	Possible behind pipe communication to FW Acquifers.		11				
19	05-045-21096	GGU Miller #33D-31-691						Location only. Waiting to be drilled.												
20	05-045-18237	GGU Miller #34A-31-691	739	No DCR	2916	11/13/2009	0	Very poor to poor bond fr/TOC to 3700'. Poor to fair bond to 5150'. Fair to good bond to 5910'. Generally, good to excellent bond to TD.	-----	-----	4365	865, 1306, 1622, 1685, 1701, 1941, 2330	-----	Possible behind pipe communication to FW Acquifers.		12				
21	05-045-18235	GGU Miller #34B-31-691	737	2150	2210	11/13/2009	0	Poor bond fr/TOC to 2520'. Fair bond to 3142'. Fair to good bond to 4970'. Excellent bond to TD.	3150	6840	3833/4479	867, 1310, 1395, 1561, 1620, 1700, 2089	-----	Possible behind pipe communication to FW Acquifers.		13				
22	05-045-18236	GGU Miller #34C-31-691	740	2500	2575	11/13/2009	0	Poor bond fr/TOC to 2870'. Fair to good bond to 3550'. Generally, excellent bond to TD.	3199	6887	4535/4659	870, 1310, 1385, 1622, 1863, 2121	6889, 7008	Possible behind pipe communication to FW Acquifers.		14				
23	05-045-18238	GGU Miller #34D-31-691	786	No DCR	2382	11/13/2009	0	Fair to good bond from TOC to 2780'. Generally, excellent bond to TD.	-----	-----	4529	872, 1307, 1316, 1392, 1624, 1650, 2058, 2519	4951, 7044	Possible behind pipe communication to FW Acquifers.		15				
24	05-045-17926	GGU Miller #43A-31-691	785	2730	2855	7/31/2009	0	Poor bond fr/TOC to 2990'. Fair to good bond to 3160'. Excellent bond to TD.	3220	7008	4585/4930	1182, 1252, 1662, 1915	4921, 7134	Possible behind pipe communication to FW Acquifers.		16				
25	05-045-17928	GGU Miller #44A-31-691	742	3250	3272	7/30/2009	0	Fair to good bond from TOC to 3560'. Generally, good to excellent bond to 4936'. Fair bond to 5320'. Generally, good to excellent bond to TD.	3030	6707	4246/4241	967, 991, 1159, 1176, 1217, 1246, 1754, 2150	-----	Possible behind pipe communication to FW Acquifers.		17				
26	05-045-17927	GGU Miller #44C-31-691	780	2795	3231	7/30/2009	0	Generally fair to good bonding fr/TOC to 6040'. Generally, good to excellent bond to TD.	3110	6786	3118/5006	964, 1170, 1216, 1248, 1766, 1912, 2025, 2050	5010, 6974	Possible behind pipe communication to FW Acquifers.		18				
27	05-045-17932	GGU Miller #44D-31-691	785	2600	<2670	7/30/2009	0	Fair bond from TOC to 3214'. Fair to good bond to 5260'. Generally good to excellent bond to TD.	3136	6882	3142/5106	965, 1161, 1172, 1217, 1248, 1470, 1759	5118, 6983	Possible behind pipe communication to FW Acquifers.		19				
28	05-045-13803	GGU Rodreick #21B-31-691 SWD	861	954	1018	4/12/2007	0	Poor bond fr/TOC to 1552'. Fair bond to 2302'. Fair to good bond to 2760'. Good to excellent bond to 6920'. Fair bond to 7604'. Excellent bond to TD.	3230	6823	4154/4150	No N-D x-over above W/F.	7435, 7725	Definitely no communication to FW aquifers.		4				
29	05-045-15730	GGU Rodreick #31A-31-691	794	2500	2533	7/18/2008	0	Poor bond fr/TOC to 2936'. Fair bond to 3300'. Generally, fair to good bond to 4790'. Excellent bond to TD.	3206	6803	3465/4153	1004, 1103, 1341, 1600, 2397	4145, 6887	Possible behind pipe communication to FW Acquifers.		20				
30	05-045-15733	GGU Rodreick #31D-31-691	805	1900	2604	7/18/2008	0	Poor to fair bond fr/TOC to 3514'. Fair bond to 4520'. Generally, fair to good bond to 4900'. Generally, excellent bond to TD.	3389	6950	4261/4646	1106, 1793, 2463	4262, 7000	Possible behind pipe communication to FW Acquifers.		21				
31	05-045-15735	GGU Rodreick #41A-31-691	796	2350	2339	7/19/2008	0	Fair bond from TOC to 2838'. Generally, good to excellent bond to TD.	3318	6945	3885/4524	1114, 1792, 2201, 2280	4759, 7030	Possible behind pipe communication to FW Acquifers.		22				
32	05-045-15736	GGU Rodreick #41C-31-691	800	2680	2690	7/19/2008	0	Generally, excellent bond fr/TOC to TD.	3258	6911	3580/4448	1115, 2147, 2192, 2465, 2924	4752, 6972	Possible behind pipe communication to FW Acquifers.		23				
33	05-045-15734	GGU Rodreick #42D-31-691	764	2250	2316	7/19/2008	0	Poor bond fr/TOC to 2450'. Fair bond to 2630'. Fair to good bond to 3602'. Generally, good to excellent bond to TD.	3332	6967	3407/4548	878, 893, 1109, 1132, 1877, 1975, 1987, 2358	4768, 7052	Possible behind pipe communication to FW Acquifers.		24				
34	05-045-11323	GGU Scott #11D-31-691	744	1350	1696	1/28/2006	0	Fair bond from TOC to 4922'. Generally, good to excellent bond to TD.	3349	6899	3308/4245	2664, 3306, 3325	4633, 6854	Probably no communication to FW Acquifers.		5				
35	05-045-11322	GGU Scott #12D-31-691	738	2350	2530	1/5/2006	0	Poor bond fr/TOC to 6418'. Generally, good to excellent bond to TD.	3141	6761	3569/4192	1427, 1921	4153, 6854	Possible behind pipe communication to FW Acquifers.		25				
36	05-045-07141	Gibson Gulch Unit #1-31	533	3595	3586	4/23/1997	1500	DV Tool @ 749'. Fair bond fr/685' to DV tool. Poor bond to surface. Main cmt job shows, generally, good to Excellent bond to TD.	3280	NDE	4430/4421	1127, 1190, 1534, 1980, 2176, 2279	4273, 5034	Possible behind pipe communication to FW Acquifers.		26				
37	05-045-07136	Gibson Gulch Unit #2-31	550	3200	3214	1/26/1997	1500	DV Tool @ 738'. Poor to very poor bond above DV tool. Main cmt job shows excellent bond fr/TOC to TD.	3200	NDE	4156/4000	1112	4231, 4850	Possible behind pipe communication to FW Acquifers.		27				
38	05-045-07163	Gibson Gulch Unit #3-31	528	3380	3367	7/9/1997	1500	DV Tool @ 874'. Very poor bond above DV tool. Main cmt job shows excellent bond fr/TOC to TD.	3207	NDE	4256/4211	720, 1339	4259, 4959	Possible behind pipe communication to FW Acquifers.		28				
39	05-045-07252	Gibson Gulch Unit #3-31B	622	300	408	11/7/2000	1500	Fair bond fr/TOC to 1230'. Fair to good bond to 2554'. Generally, excellent bond to TD.	3193	NDE	-----/4184	-----	4487, 5446	FDCCNL log was not run.		2				
40	05-045-07207	Gibson Gulch Unit #4-31	535	3220	3230	8/29/1997	1000	DV Tool @ 1637'. Poor to very poor bond above DV tool. Main cmt job shows excellent bond fr/TOC to TD.	3266	NDE	3915/4239	1423, 1433, 1598, 2004, 2183, 2238	4146, 4973	Possible behind pipe communication to FW Acquifers.		29				